

LOWENSTEIN SANDLER PC  
Attorneys at Law

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65 Livingston Avenue  
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Tel 973.597.2500  
Fax 973.597.2400  
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FACSIMILE COVER SHEET

FROM: Daniel D. Sierchio, Reg. No. 53,591  
Re: U.S. Patent No. 10/645,641

Date August 27, 2004

TEL: 973.597.2500 FAX: 973.597.2400 E-MAIL: [dsierchio@lowenstein.com](mailto:dsierchio@lowenstein.com)

TO: Mail Stop Amendment (Art Unit 2817)  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

FAX NO.: 703-872-9306  
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NO.:

Items:

- (1) Response to Requirement For Restriction (4 sheets);  
(2) This fax cover (1 sheet).

TOTAL PAGES (WITH COVER) 5

CLIENT ID/MATTER #: 14123-17

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08/27/2004 1559386.01

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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*In re Application of Mazzochette et al.*

Serial No.: 10/645,641

Attorney File No.: 14123-17

Filing Date: August 21, 2003

Art Unit: 2817

Entitled: LOW TEMPERATURE CO-FIRED CERAMIC-METAL  
CIRCULATORS AND ISOLATORS

Examiner: S. Jones

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**RESPONSE TO REQUIREMENT FOR RESTRICTION UNDER 37 C.F.R. § 1.142**

SIR:

In response to the Office Action mailed July 27, 2004 (the "Office Action"), please enter the following remarks into the file of the above-captioned application (the "Application"). No fee is believed due for entry of this Reply, should any fee be due, however, please charge such fees to Deposit Account number 501358.

14123/17  
08/27/2004 1595193.01

Attorney Docket Number 14123-17

**REMARKS**

In the Office Action, the Examiner requires restriction under 35 U.S.C. 121 between:

- (Species I) drawn to a species which has no vias;
- (Species II) drawn to a species which has ferrite vias;
- (Species III) drawn to a species which has electrically conductive vias; and
- (Species IV) drawn to a species which has thermally conductive vias.

**APPLICANTS' ELECTION**

Pursuant to 35 U.S.C. 121, Applicants hereby elect to prosecute the invention of Species I, Claims 1-3, 5-7, 10-14, and 17-18 in the above-captioned application. Applicants reserve the right to prosecute the invention of Species II, III and IV in one or more divisional applications claiming the priority benefit of the above-captioned Application.

**APPLICANTS' TRAVERSAL OF THE RESTRICTION REQUIREMENT**

Notwithstanding the election made above, Applicants respectfully traverse the restriction requirement set forth in the Office Action. Pursuant to MPEP 803, a proper requirement for restriction requires both: 1) a showing that inventions are independent or distinct; and 2) a serious burden on the Examiner. Here, the Office Action fails to provide any reasons and/or examples to support the conclusion that the species defined in the Office Action are patentably distinct. The Office Action merely presents a conclusory statement that "the claims are directed to patentably distinct species". (Office Action, page 2, section 1). The absence of a single reason or example as to why these proposed species are distinct fails to meet the requirements of the MPEP Section 803 and renders the restriction requirement improper.

The Office Action also fails to establish that the application presents a serious burden on the Examiner. The Examiner provides no supporting evidentiary statements showing that the proposed species are separately classified, have a separate status in the art or that the species are in different fields of search. (MPEP Section 803).

**APPLICANTS' TRAVERSAL OF EXAMINER'S STATEMENT THAT NO CLAIM IS GENERIC**

In addition, Applicants respectfully disagree with the Office Action's conclusion that "[c]urrently, no claim is generic". (Office Action, page 2, section 1). According to MPEP

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Section 806.04(d), a claim is generic if it includes no material element additional to those recited in the species claims and must comprehend within its confines the organization covered in each of the species. Here, Applicants submit that at least claim 1 is generic.

Claim 1 of the application reads as follows:

A low temperature cofired ceramic-metal (LTCC-M) integrated circulator for directing radio frequency (RF) signals comprising:

at least one ferrite disk situated in a magnetic field caused by at least one magnet and a ferrous base plate acting as a magnetic return path;

a conductor junction having 3 ports for coupling the radio frequency signals to the circulator;

a plurality of LTCC-M insulating layers for positioning the at least one magnet, the at least one ferrite disk, and to support the conductor junction.

The claims corresponding to Species I, II, III and IV (Claims 1-18) include all of the material elements of Claim 1. Further, Claim 1 does not include any material elements additional to those recited in the claims corresponding to the species defined by the Office Action.

Further, a claim is considered generic if it reads on each of the views (or figures) which are said to illustrate the species. MPEP Section 806.04(d). The Office Action provides that Species I is shown in Figure 3, Species II is shown in Figure 4, Species III is shown in Figure 5 and Species IV is shown in Figure 6. The elements of generic Claim 1 are represented in the Figures 3-6 as follows: ferrite disk 12, magnet 11, ferrous base plate 33, a conductor junction 14, and a plurality of insulating layers 32, 34. Figure 3 (Species I), Figure 4 (Species II), Figure 5 (Species III) and Figure 6 (Species IV) each contain all of the elements provided in Claim 1. Thus, Claim 1 clearly reads on the views presented in Figures 3, 4, 5 and 6.

Because at least Claim 1 is generic, upon allowance of generic Claim 1, Applicants are entitled to consideration of the claims corresponding to the species defined by the Office Action, all of which are written in dependent form and/or otherwise include all the limitations of at least generic claim 1. (37 C.F.R. §1.141).

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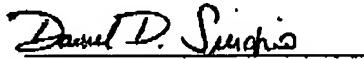
**CONCLUSION**

Applicants elect Species I corresponding to Claims 1-3, 5-7, 10-14, and 17-18.

Based on the reasons set forth above, Applicants traverse the restriction requirement as a whole and respectfully requests withdrawal of the requirement.

In addition, Applicants traverse the Office Action's conclusion that no generic claim is present in the case. As such, Applicants request that all claims directed to the non-elected species remain in the case for consideration upon allowance of generic Claim 1.

Respectfully submitted,



Daniel D. Sierchio  
Reg. No. 53,591  
Attorney for Applicants

Dated: August 27, 2004

**LOWENSTEIN, SANDLER PC**  
65 Livingston Avenue  
Roseland, NJ 07068  
Tel.: 973-597-6162